

## **ABSTRACT OF THE DISCLOSURE**

[0071] Several traveling wave grid systems are disclosed that may be used to concentrate and form highly localized regions of bio-agents or other charged species. In addition, specific detection systems are described that enable currently available detectors and sensors, including those to be developed in the future, to be used for measuring the presence and concentration of certain bio-agents or charged particles, which otherwise are present at concentrations too low to readily detect or measure.

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